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Fig. 1a

Inventors: Piechaczyk et al.

Filed: December 15, 1999

Title: Biological Material for Treating a Mammal ...

Mintz, Levin, Cohn, Ferris, Glovsky and Popeo

Telephone: (617) 542-6000

Fig. 1a

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ATG GGT TGG CTG TGG AAC TTG CTA TTC CTG ATG GCA GCT GCC CAA AGT GCC CAA GGA CAG
M G W L W N L L F L M A A A Q S A Q G Q
-20 -10 -1 I
ATC CAC TTG GTA CAG TCT GGA CCT GAG CTG AAG AAC CCT GGA GAG ACA GTC AAG ATC TCC
I H L V Q S G P E L K K P G E T V K I S
10 20
TGC AAG GCT TCT GGG TAT ACC TTC ACA TCG TAT GGC TTG ACC TGG GTG ATA CAG TCT CCA
C K A S G Y T F T S Y G L T W V I Q S P
30 40
GGA AAG GAT TTA AAA TGG ATG GGC TGG ATA AAC ACC TTC TCT GGA GTG CCA ACA TAT GCT
G K D L K W M G W I N T F S G V P T Y A
52 52A 60



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Fig. 1b

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Fig. 1b

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GAT GAC TTC AAG GGA CGC TTT GCC TTC TCT TTG GAC ACC TCT ACC AGC ACT GCC TAT TTG
D D F K G R F A F S L D T S T A Y L 80
70
CAG ATC GAC AAC CTC AAA AAT GAG GAC ACG GCT ACA TAT TTC TGT TCA AGA AGG GGT
Q I D N L K N E D T A T Y F C S R R G G 94
82 82A 82B 82C 90
TTT ATT ACT ACG GCT CTT GAC ACC TGG GGC CAA GGC ACC TCT CTC ACA GTC TCC TCA GCC
F I T A L D T W G Q G T S L T V S S A 110
100 113

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Fig. 2a

Fig.2a

ATG AAG TTG CCT GGT AGG CTG TTG GTG CTG ATG TTC TGG ATT CCT GCT TCC AAT AGT AAT
M K L P G R L L V L M F W I P A S N S N
-19 -10 -1 1

GTT GTG ATG ACC CAA ACT CCA CTC TCC CTG TCT GTC AGT CTT GGA GAT CAA GCC TCC ATC
V V M T Q T P L S L S V S L G D Q A S I
10 20

TCT TGC AGA TCT AGT CAG AGC ATT GTA CAT AGT AAT GGA AAC ACC TAT TTA GAA TGG TAC
S C R S S Q S I V H S N G N T Y L E W Y
27 27A 27B 27C 27D 27E

CTG CAG AAA CCA GGC CAG TCT CCA AAG CTC CTG ATC TAT AAA GTT TCC AAC CGA TTG TCT
L Q K P G Q S P K L L I Y K V S N R L S
40 50

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Fig. 2b

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GGG GTC CCA GAC AGG TTC AGT GGC AGT GGA TCA GGG ACA GAC TTC ACA CTC AAA ATC AGC
G V P D R F S G S G T D F T L K I S
60 70

AGA GTG GAG GCT GAG GAT CTG GGA CTT TAT TAC TGT TTT CAA GGT TCA CAT ATT CCA TTC
R V E A E D L G L Y C F Q G S H I P F
80 90

ACG TTC GGT TCG GGG ACA AAG TTC GAA ATA AAA CGG GCT GAT GCT GCA CCA ACT GTA TCC
T F G S G T K L E I K R A D A P T V S
100 110

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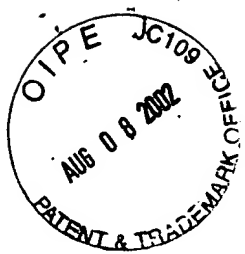
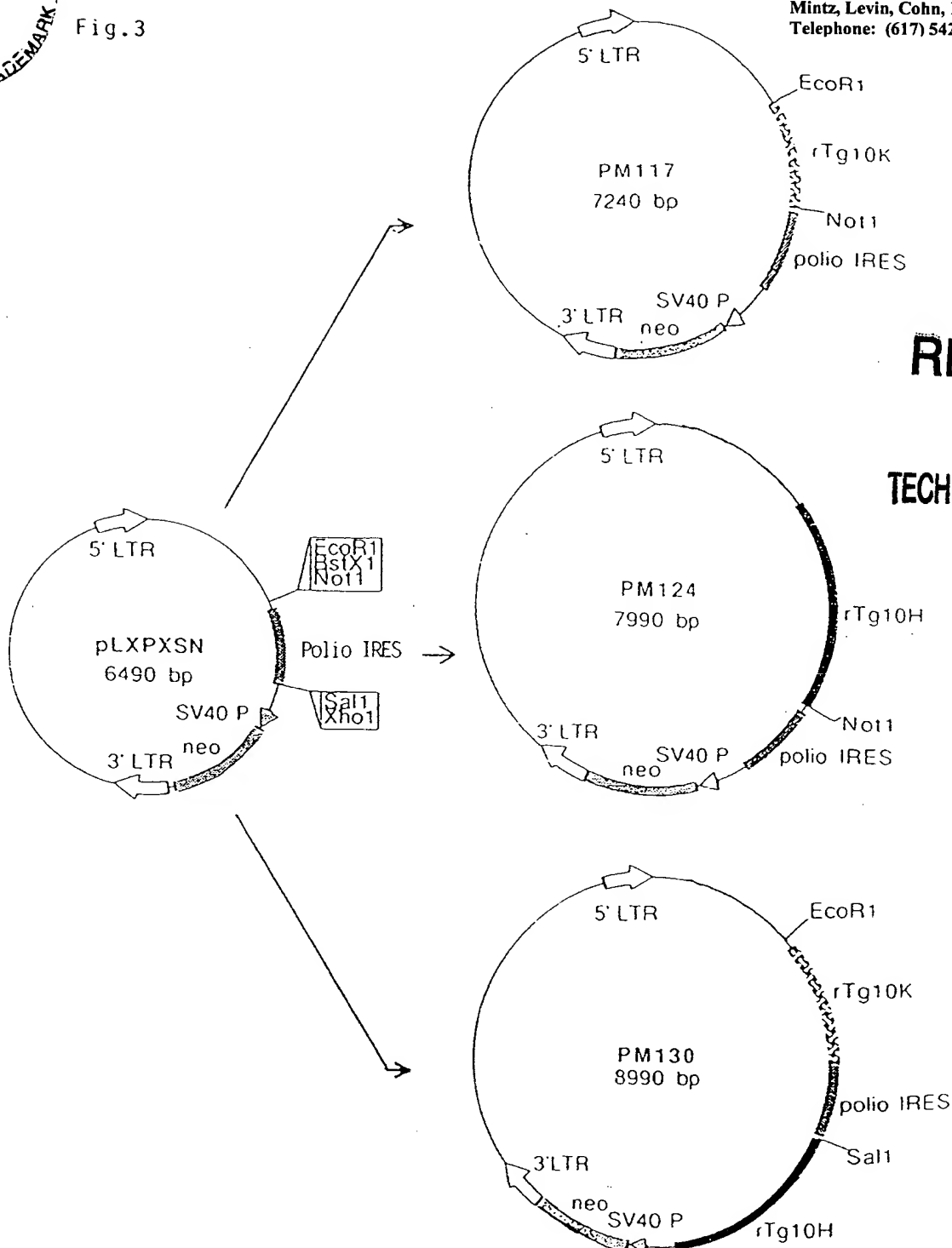


Fig.3

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